

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052167

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 G01R33/385**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 G01R**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal, PAJ, INSPEC, COMPENDEX, BIOSIS, WPI Data**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 256 969 A (MIYAJIMA GOH ET AL) 26 October 1993 (1993-10-26) column 8, line 3 – column 9, line 49; figures 4,8 ----- PATENT ABSTRACTS OF JAPAN vol. 015, no. 488 (C-0893), 11 December 1991 (1991-12-11) -& JP 03 212261 A (MITSUBISHI ELECTRIC CORP), 17 September 1991 (1991-09-17) abstract ----- DE 198 56 802 A (SIEMENS AG) 17 August 2000 (2000-08-17) the whole document -----	1-6  1-4,6  1-5,8,9
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

21 December 2004

Date of mailing of the International search report

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 235 283 A (LEHNE DIETMAR ET AL) 10 August 1993 (1993-08-10) column 3, line 15 – column 3, line 38 column 4, line 59 – column 5, line 36; figure 3 -----	1-4,8,9
X	US 5 572 131 A (RZEDZIAN RICHARD) 5 November 1996 (1996-11-05) column 3, line 24 – column 6, line 32; figure 2 -----	1-3,6,8, 9
X	US 6 462 547 B1 (DIETZ PETER ET AL) 8 October 2002 (2002-10-08) column 2, line 34 – column 2, line 59 column 6, line 50 – column 6, line 55 column 6, line 65 – column 7, line 4 column 8, line 24 – column 8, line 45; figure 3 -----	1,6
A	US 2003/006773 A1 (RIES GUENTER) 9 January 2003 (2003-01-09) paragraphs '0045!, '0046!; figures 17,18 -----	1-6

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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